

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Jonathan M. GERSHONI

Date: December 19, 2001

Serial No.: Not Yet Known

Filed: Herewith

For: ANTIBODIES DIRECTED AGAINST BINDING-ASSOCIATED EPITOPES



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**INFORMATION DISCLOSURE STATEMENT ACCOMPANYING  
REQUEST FOR DIVISIONAL APPLICATION UNDER 37 C.F.R. §1.53(b)**

Sir:

Submitted herewith is a form listing references for consideration by the Examiner.

Applicant respectfully requests the listed references be made of record in the subject application.

In accordance with 37 C.F.R. §1.98(d), copies of any of the listed references which were previously cited by or submitted to the U.S. Patent and Trademark Office in parent application Serial No. 09/645,648 (now allowed), grandparent application Serial No. 09/433,420 (now U.S. Patent No. 6,143,876), great grandparent application Serial No. 09/235,592 (now U.S. Patent No. 6,020,468) and in great great grandparent application Serial No. 08/464,726 (now U.S. Patent No. 5,925,741) are not included with this submission.

No fee is deemed necessary in connection with the filing of the subject Information Disclosure Statement. However, in the event a fee is required or if any additional fee due during the pendency of this application is not paid, the Patent and Trademark Office is authorized to charge the underpayment to Deposit Account No. 15-0700.

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December 19, 2001

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Respectfully submitted,

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| <b>APPLICANT'S ART CITATION</b><br>(Use several sheets if necessary)  |  | Application <b>Not Yet Known</b>      |                 | OFGS File No. <b>P/2334-9 DIV</b> |       |               |                               |
|   |  | Applicant <b>Jonathan M. Gershoni</b> |                 |                                   |       |               |                               |
|   |  | Filing Date <b>Herewith</b>           |                 | Group Art Unit <b>--</b>          |       |               |                               |
| <b>U.S. PATENT DOCUMENTS</b>  |  |                                       |                 |                                   |       |               |                               |
| Examiner<br>Initial   | Document Number  |                                       | Date            | Name                              | Class | Sub-<br>class | Filing Date<br>If Appropriate |
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| <b>FOREIGN PATENT DOCUMENTS</b>   |  |                                       |                 |                                   |       |               |                               |
|   | Document Number  |                                       | Date            | Country                           | Class | Sub-<br>class | Translation<br>Yes      No    |
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| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |  |                                       |                 |                                   |       |               |                               |
|   | <u>The Faseb Journal</u> , Vol. 7, No. 12, issued September 1993, Gershoni et al., "HIV binding to its receptor creates specific epitopes for the CD4/gp 120 complex," pages 1185-1187.  |                                       |                 |                                   |       |               |                               |
|   | <u>Journal Of Experimental Medicine</u> , Vol. 172, issued October 1990, Caleda et al., "Antibody raised against soluble CD4-rgp 120 complex recognizes the CD4 moiety and blocks membrane fusion without inhibiting CD4-gp 120 binding," pages 1143-1150.                   |                                       |                 |                                   |       |               |                               |
|   | <u>Parasitology</u> , Vol. 88, issued 1984, Ortega et al., "The occurrence of antibodies to hidden and exposed determinants of surface antigens of Trichinella spiralis, pages 359-369.  |                                       |                 |                                   |       |               |                               |
|   | Abstract 586686, <u>Journal of Laboratory Clinical Medicine</u> , Vol. 86, No. 5, issued 1975, Javid et al., "The modification of hemoglobin antihemoglobin reaction by haptoglobin," pages 777-784.   |                                       |                 |                                   |       |               |                               |
|   | Abstract 6538081, <u>British Journal of Haematology</u> , Vol. 68, No. 3, issued 1988, Nordfang et al., "Radioimmunoassay afor quantitative measurement of Factor VIII-heavy chain," pages 307-312.  |                                       |                 |                                   |       |               |                               |
|   | Abstract 207470, <u>Scandinavian Journal of Immunology</u> , Vol. 3, No. 2, issued 1974, Lind et al., "Immunochemical study of the interaction between staphylococcal protein A, rabbit antistaphylococcal sera, and selected sera from nonimmunized animals, pages 147-156. |                                       |                 |                                   |       |               |                               |
| Examiner  |  |                                       | Date Considered |                                   |       |               |                               |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. |  |                                       |                 |                                   |       |               |                               |

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|   |                 | Applicant <b>Jonathan M. Gershoni</b>   |  |  |  |                                   |  |      |         |       |               |                               |    |
|   |                 | Filing Date <b>Herewith</b>   |  |  |  | Group Art Unit <b>--</b>          |  |      |         |       |               |                               |    |
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|   | Document Number |   |  |  |  |                                   |  | Date | Country | Class | Sub-<br>class | Translation                   |    |
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| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |                 |   |  |  |  |                                   |  |      |         |       |               |                               |    |
|   |                 | Abstract 407661, <u>Scandinavian Journal of Immunology</u> , Vol. 3, No. 6, issued 1974, Lind., I.,<br>"The formation of antibodies against hidden determinants of autologous IgG during<br>immunization of rabbits with <i>Staphylococcus aureus</i> ," pages 689-696.                         |  |  |  |                                   |  |      |         |       |               |                               |    |
|   |                 | Abstract 359023, <u>International Journal of Parasitology</u> , Vol. 4, No. 6, issued 1974, Boreham et<br>al., "Autoimmunity in trypanosome infections II. Anti fibrin/fibrinogen (anti-F) autoantibody<br>in <i>Trypanosoma (Trypanozoon) brucei</i> infections of the rabbit," pages 601-607. |  |  |  |                                   |  |      |         |       |               |                               |    |
|   |                 | Abstract 9626985, <u>Journal of Immunology</u> , Vol. 149, No. 6, issued 1992, Callahan et al.,<br>"Analysis of HIV-induced autoantibodies to cryptic epitopes on human CD4," pages 2194-<br>2202.  |  |  |  |                                   |  |      |         |       |               |                               |    |
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